

Borealis BorPEX™ HE1878E-C2 High Molecular Weight Polyethylene, Crosslinkable

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), UHMW PE Ultra High Molecular Weight

Material Notes:

BorPEX™ HE1878E-C2 is a high molecular weight, high density polyethylene specially designed for production of cross linked pipes (PE-X).

Applications: BorPEX™ HE1878E-C2 is recommended for the production of cross linked pipes used in plumbing, heating, district heating, relining, industrial, domestic gas, and domestic water. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-BorPEX-HE1878E-C2-High-Molecular-Weight-Polyethylene-Crosslinkable.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	compound; ISO 1183
Oxidative Induction Time (OIT)	>= 50 min @Temperature 210 °C	>= 50 min @Temperature 410 °F	EN 728
Melt Flow	10 g/10 min @Load 21.6 kg, Temperature 190 °C	10 g/10 min @Load 47.6 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.0 MPa	3190 psi	50mm/min; ISO 527-2

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